

**Missouri Public Service Commission
Manufactured Housing Program
Approval of Anchoring Systems**

OLIVER TECHNOLOGIES, INC.

800-284-7437

| MODEL MARK | DESCRIPTION | SOIL TYPE |
|--|--|------------------------|
| OTFT 1 | Auger anchor frame tie strap | |
| OTMSP 2 | Auger anchor 12" stabilizer plate | |
| OTCAP 1 | Auger anchor stabilizer cap | |
| OT36CDP | 30" cross drive anchor | Solid rock only |
| OTCAWP | Wet set concrete anchor | Concrete only |
| OTCADP | Dry set concrete anchor | Concrete only |
| OT3044AP (5/8) | 5/8"X30" / double 4" helix / with 12" stabilizing plate (OTMSP2) | 400 in. lbs. and above |
| OT3044BP (3/4) | 3/4"X30" / double 4" helix / with 12" stabilizing plate (OTMSP2) | 400 in. lbs. and above |
| OT3044BP (3/4) | 3/4"X30" / double 4" helix / with stabilizing cap (OTCAP1) | 475 in. lbs. and above |
| OT3646BP (3/4) | 3/4"X36" / 4" and 6" helix / with stabilizing cap (OTCAP1) | 300 in. lbs. and above |
| OT486AP (5/8) | 5/8"X48" / 6" helix / with 12" stabilizing plate (OTMSP2) | 300 in. lbs. and above |
| OT486BP (3/4) | 3/4"X48" / 6" helix / with 12" stabilizing plate (OTMSP2) | 300 in. lbs. and above |
| 1100 I "V" System | Lateral / Longitudinal Foundation System | * |
| 1100 IT "V" System | Lateral Foundation System | * |
| 1100 IC "V" System | Lateral Longitudinal Foundation System for wet/dry concrete | Concrete Only * |
| 1100 ITC "V" System | Lateral Foundation System for wet/dry concrete | Concrete Only * |
| OTSFT | Swivel Frame Tie | |
| OTLT | Longitudinal Beam Clamp | |
| OT3646BPC Cap Anchor | 3/4" X 36" Auger Anchor with (1) 4" Disc and (1) 6" Disc | 320 in. lbs. and above |
| OT3646BPZ Cap Anchor with Compression Disc | 3/4" X 36" Auger Anchor with (1) 4" Disc and (1) 6" Disc & (1) 4" Compression Disc | 320 in. lbs. and above |
| OT4244BP Auger Anchor | 3/4" X 42" Auger Anchor with (2) 4" Disc and with a OTMSBP2 (11" Stabilizer Plate) | 320 in. lbs. and above |
| OT3044BPC Cap Anchor | 3/4" X 30" Auger Anchor with (2) 4" Disc | 449 in. lbs. and above |
| OT3944BPZ Cap Anchor with Compression Disc | 3/4" X 30" Auger Anchor with (2) 4" Disc & (1) 4" Compression Disc | 449 in. lbs. and above |

Standards For Installation:

1. Anchors and all components must be installed per manufacturer's instructions.
 2. Anchors are approved for designated soil type only.
 3. Consult manufactured home set up instructions for number of frame tie downs, over the roof tie downs, and tie down spacing.
- * Foundation brace systems and components approved per anchor manufacturers installation instruction.
- * Requires ground anchors approved for the soil classification within two feet of each corner of all single section homes.
- * In addition when systems are used on any home any shear wall anchors, marriage line anchors, etc. must be installed per the mfr. instructions and the anchors must be approved for the soil.
- *Ground Set Pans required to be set with top of pan at frost grade & can not be installed in soil under 200 inch lbs.
- Soil Classifications: (1) Solid Rock, (2) 550+ inch lbs, (3) 350-549 inch lbs, (4) 200-349 inch lbs, under 200 inch lbs unclassified soil.

*** This system must be approved for use by the home manufacturer.**

DATE: May 7, 2008

Ron Pleus

Ron Pleus, Director
Manufacturer Housing and Modular Units Program